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Claims:

1. A method to log data in a hearing device and/or in a
5 recording unit that is at least temporally operationally
connected to the hearing device, the method comprising the
steps of adjusting or programming a point in time of the
data logging and/or a logging frequency and/or the data to
be logged, the data being any parameters and/or adjustments
10 of the hearing device.

2. The method of claim 1, wherein the point in time for
starting the data logging is triggered or changed either
manually or event-driven.
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3. The method of claim 1, further comprising the steps of
- processing the data before the logging and
- logging the processed data only.

20 4. The method of claim 1, wherein the data is arranged in
one or several of the following categories:
- Hardware data, including sound variation data, system
behavior data and hearing device user interaction
data;
25 - Customer-specific data;

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- Data related to the fitting history of a hearing device;
- Operating data or current adjustments or time signals;
- Statistical data.

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5. The method of claim 1, further comprising the step of using identical or similar adjustments corrected once or several times in certain acoustic situations as new standard adjustments.

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6. The method of claim 1, wherein one or several of the following adjustment possibilities are used based on the logged data:

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- in case of a new adjustment in the hearing device, the desired adjustment comes into full effect after a preset time, the hearing device user being able to have influence on adjustment procedure;

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- the available hearing programs or parameters or operating adjustments, respectively, are rearranged;
- a used classifier undergoes a fine tuning, sensitivity and time delay being particularly adjusted;
- selectable hearing programs or parameters or operating adjustments are selected or activated, respectively.

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7. The method of claim 1, wherein the data is logged in a memory unit which is located in the hearing device, a

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reduction of a supply voltage due to the logging process being compensated.

8. The method of claim 1, further comprising the step of
5 eliminating noise signals generated by the logging process with the aid of a filter.
9. The method of claim 1, wherein the logging of data is carried out in data packets, a repeat rate for the
10 recording of the data packets not exceeding a predefined repeat rate.
10. The method of claim 9, wherein the predefined repeat rate corresponds to a maximum value at which hearable
15 artifacts just do not occur by the logging process.
11. The method of claim 1, wherein the information is recorded in at least one of two sectors in the memory unit.
- 20 12. The method of claim 11, wherein the data is logged in at least one of three sectors, data being logged in a first sector is neither deleted and nor appended, data being logged in a second sector is not deleted, new data being
25 logged in the second sector being appended, and data having been logged in a third sector is deleted.

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13. The method of claim 11, wherein the data is logged in at least one of three sectors, data being logged in a first sector is neither deleted and nor appended, data being logged in a second sector is saved in a circular buffer in which new data is logged at a location of the oldest data stored in the circular buffer, and data having been logged in a third sector is deleted.

14. The method of claim 1, wherein a date and/or time unit is provided in the hearing device which date and/or time unit is being synchronized with an external synchronization unit.

15. The method of claim 14, wherein one or a combination of the following equipment is being used as synchronization unit:

- remote control;
- computer;
- mobile telephone;
- PDA;
- atomic clock.

16. The Method of claim 14 or 15, wherein an acoustic signal and/or speech synthesized information is being generated in the hearing device based on previously set time or date information.

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17. The method of claim 1, further comprising the steps of logging data in a memory unit which is located in the hearing device, a logging of data being only carried out if
5 one or several of the following conditions are met:

- a battery unit, supplying energy to the hearing device, has an output voltage that lies above a predefined value;
- there exist no surround sound to be processed by the
10 hearing device;
- a mean level of surround noise is higher as a predefined level;
- the amount of data to be logged is limited to a predefined value, for example to 128 bytes.

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18. A hearing device comprising

- a signal processing unit,
- a control unit,
- a memory unit,
- at least one microphone,
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- a loudspeaker unit,

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the at least one microphone and the loudspeaker unit being operationally connected to the signal processing unit which on its part being operationally connected to the memory unit over the control unit, wherein a point in time for the

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logging and/or a logging frequency and/or the data to be logged are freely adjustable or programmable, respectively.

19. The hearing device of claim 18, wherein the data are
5 savable in the memory unit.

20. The hearing device of claim 18, wherein the point in time for starting the data logging is triggered or changed either manually or event-driven.

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21. The hearing device of claim 19, wherein the point in time for starting the data logging is triggered or changed either manually or event-driven.

15 22. The hearing device of claim 18, wherein the data is transferred to an external memory unit which is connected to the hearing device preferably via the internet.

23. The hearing device of claim 18, wherein the memory unit
20 is partitioned into at least two sectors.

24. The hearing device of claim 23, wherein the data is logged in at least one of three sectors, the data being recordable in a first sector is not changeable, data being
25 recordable in a second sector is not deleted, new data

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being recordable in the second sector is appended, and data being recordable in a third sector is deleted.

25. The hearing device of claim 23, wherein the data is
5 recordable in at least one of three sectors, data being
recordable in a first sector is neither deleted and nor
appended, data being recordable in a second sector is
savable in a circular buffer in which new data is
recordable at a location of the oldest data stored in the
10 circular buffer, and data being recordable in a third
sector is deleted.

26. The hearing device of claim 18, wherein the data is
arranged in one or several of the following categories:

- 15 - Hardware data, including sound variation data, system
 behavior data and hearing device user interaction
 data;
- Customer-specific data;
- Data related to the fitting history of a hearing
20 device;
- Operating data or current adjustments or time signals;
- Statistical data.

27. The hearing device of claim 18, wherein a date and/or
25 time unit is provided in the hearing device which date

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and/or time unit is synchronizable with an external synchronization unit.

28. The hearing device of claim 27, wherein one or a
5 combination of the following equipment is used as synchronization unit:

- remote control;
- computer;
- mobile telephone;
- 10 - PDA;
- atomic clock.

29. The hearing device of claim 27, wherein an acoustic signal and/or speech synthesized information is generated
15 in the hearing device based on previously set time or date information.

30. The hearing device of claim 27, wherein preset actions are generated based on one or several of the following
20 factors:

- preset time of day;
- preset date;
- working day or preset working day, respectively;
- holyday.

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31. A binaural hearing device with at least two hearing device parts, at least one of the at least two hearing device parts are realized according to claim 18.

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32. A binaural hearing device with at least two hearing device parts, at least one of the at least two hearing device parts are realized according to claim 27.

10 33. The hearing device of claim 31 or 32, wherein a quality of a connection between the at least two hearing device parts is monitored.